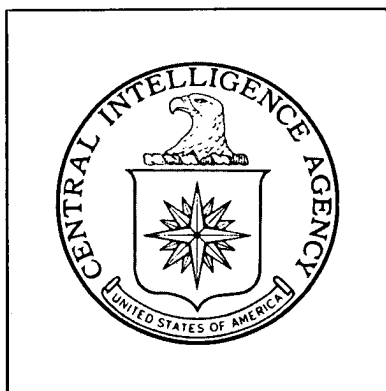


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**DIRECTORATE OF
INTELLIGENCE**

**Industrial Facilities
(Non-Military)**

Basic Imagery Interpretation Report

Major Electric Power Plants

Kwangtung Province, China

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DATE February 1971

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CENTRAL INTELLIGENCE AGENCY
Directorate of Intelligence
Imagery Analysis Service

ABSTRACT

This report, based on late 1969 and 1970 photography, updates previous basic reporting on five of the major electric power plants in Kwangtung Province, southern China. The cut-off date for information is September 1970.

At Mao-ming Thermal Power Plant Refinery, August 1970 photography revealed that the coal off-loading and storage facility had been expanded. Ho-yuan Dam and Hydro Power Plant Hsin-feng Chiang, Kuang-chou (Canton) Thermal Power Plant Hsi-tsun, and Wu-shih Thermal Power Plant were seen during the reporting period but appeared unchanged. No interpretable photography was obtained of Ju-yuan Hydro Power Plant.

The Ho-yuan, Kuang-chou, and Wu-shih plants were operating on the latest coverage. Plant operation could not be determined at Mao-ming because of cloud cover.

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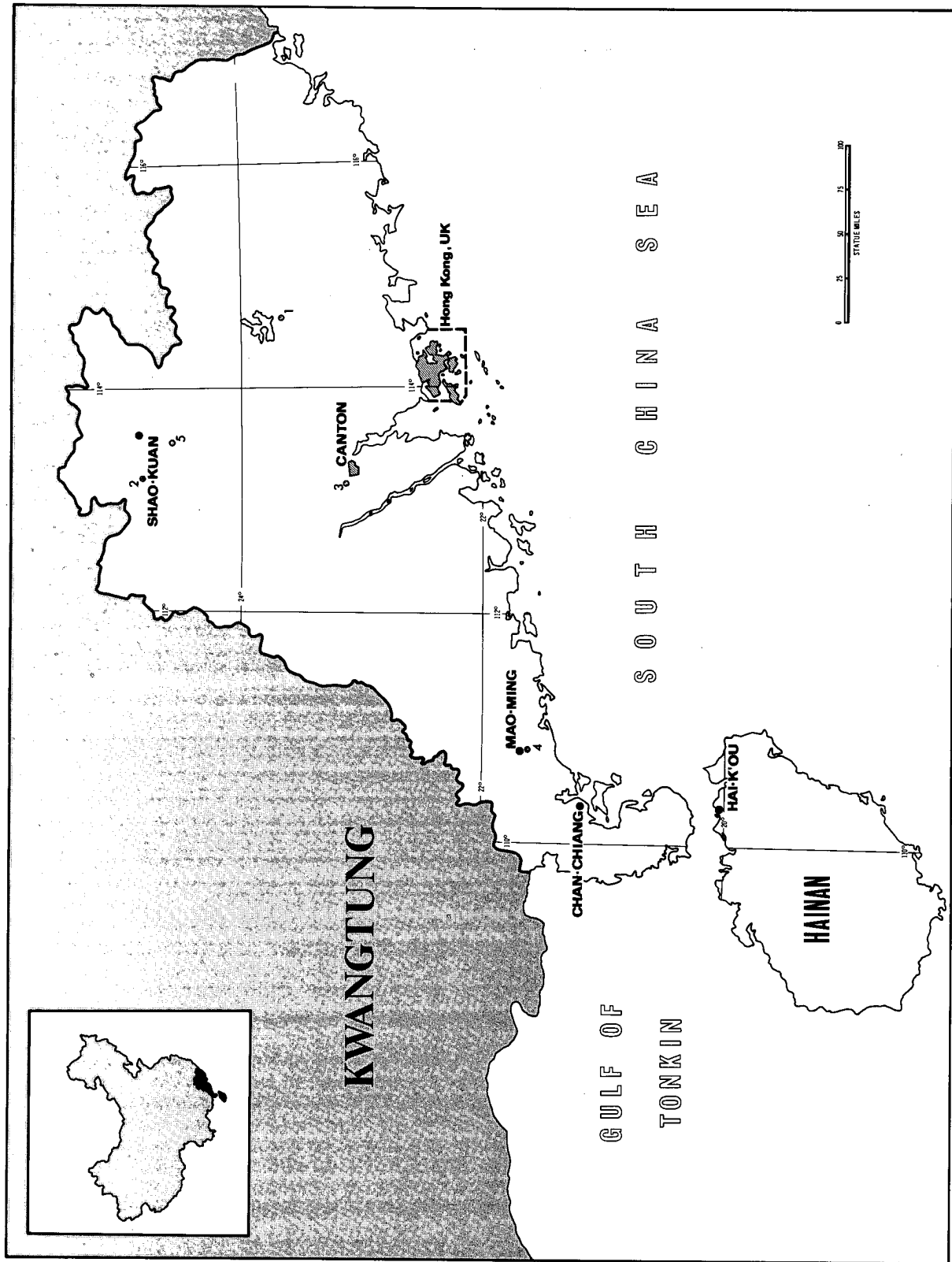


FIGURE 1. LOCATION MAP.

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INTRODUCTION

This report covers the following five major power plants in Kwangtung Province (see Figure 1).

1. Ho-yuan Dam and Hydro Power Plant Hsin-feng Chiang.
2. Ju-yuan Hydro Power Plant Nan-shui.
3. Kuang-chou (Canton) Thermal Power Plant Hsi-tsun.
4. Mao-ming Thermal Power Plant Refinery.
5. Wu-shih Thermal Power Plant.

Requirement

COMIREX NOI
Support Number 421950

Document Reference

CIA. RCS-13/0026/70, Major Electric Power Plants, Kwangtung Province, China, December 1969, [] (TOP SECRET RUFF)

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INSTALLATION OR ACTIVITY NAME

COUNTRY

Ho-yuan Dam and Hydro Power Plant Hsin-feng Chiang

CH

UTM COORDINATES

GEOGRAPHIC COORDINATES

50QKB607268

23-43-36N 114-38-55E

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MAP REFERENCE

548th RTG, USATC, Series 200, Sheet M0614-2HL, 3rd ed., May 68, Scale 1:200,000

(SECRET)

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LATEST IMAGERY USED

NEGATION DATE (If required)

CNA

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BASIC DESCRIPTION

No changes have been observed at Ho-yuan Dam and Hydro Power Plant Hsin-feng Chiang since September 1969, the date of the latest photography used in the previous report.

The plant appeared to be in operation in December 1969. Turbulence was seen in the tailrace below the powerhouse.

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INSTALLATION OR ACTIVITY NAME		COUNTRY
Ju-yuan Hydro Power Plant Nan-shui		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	
49RGT237422	24-46-50N 113-12-47E	
MAP REFERENCE		
15th RTS. USATC, Series 200, Sheet 0498-2IHL, 1st ed, Mar 62, Scale 1:200,000 (SECRET)		
LATEST IMAGERY USED		NEGATION DATE (If required)
		NA

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BASIC DESCRIPTION

No interpretable photography of Ju-yuan Hydro Power Plant Nan-shui has been obtained since September 1969, the date of the latest photography used in the previous report.

The reservoir was observed on photography of December 1969, but the dam and power plant were cloud covered.

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INSTALLATION OR ACTIVITY NAME		COUNTRY
Kuang-chou Thermal Power Plant Hsi-tsun		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	
49QGR276606	23-08-27N 113-13-23E	
MAP REFERENCE		
548th RTG. USATC, Series 200, Sheet M0614-6HL, 5th ed, May 68, Scale 1:200,000		
(SECRET)		
LATEST IMAGERY USED		NEGATION DATE (If required)
		NA

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BASIC DESCRIPTION

No changes have been observed at the Kuang-chou Thermal Power Plant Hsi-tsun since February 1969, the date of the latest photography used in the last report.

The plant appeared to be in operation in July 1970. Smoke was emanating from the stacks.

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INSTALLATION OR ACTIVITY NAME		COUNTRY
Wu-shih Thermal Power Plant		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	25X1
49RGT602205	24-35-05N 113-34-27E	
MAP REFERENCE		
15th RTS. USATC, Series 200, Sheet 0498-2IHL, 1st ed, Mar 62, Scale 1:200,000. (SECRET)		
LATEST IMAGERY USED		NEGATION DATE (If required)
		NA
25X1		

BASIC DESCRIPTION

No changes have been observed at Wu-shih Thermal Power Plant since February 1969, the date of the latest photography used in the previous report.

The plant appeared to be in operation in December 1969. Smoke was emanating from at least one stack, but it obscured the second stack.

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